

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number
WO 2005/011702 A1

(51) International Patent Classification⁷: A61K 31/53, A61P 31/18, A61K 9/16, 9/50

(21) International Application Number: PCT/EP2004/051545

(22) International Filing Date: 19 July 2004 (19.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03/08720 17 July 2003 (17.07.2003) FR
04103156.8 2 July 2004 (02.07.2004) EP

(71) Applicant (for all designated States except US): TIBOTEC PHARMACEUTICALS LTD. [IE/IE]; Little Island, Co Cork (IE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LAMOUREUX, Gaël [FR/FR]; 1, Grande Rue, F-28210 Le Boullay Thierry (FR). COUSIN, Gérard [FR/FR]; 1, Rue du Gué, Le Mesnil Ponceau, F-28210 Villemex/Eure (FR). THONÉ, Daniel, Joseph, Christlaan [BE/BE]; Bareelstraat 13, B-2340 Beerse (BE).

(74) Agent: DAELEMANS, Frank; Tibotec-Virco Comm. VA, Generaal De Wittelaan L11 B3, B-2800 Mechelen (BE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CI, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/011702 A1

(54) Title: PROCESS FOR PREPARING PARTICLES CONTAINING AN ANTIVIRAL

(57) Abstract: A process for preparing a particle comprising a co-precipitate surrounding a neutral hydrophilic carrier, said process comprising spraying an organic solution on a neutral hydrophilic carrier, said solution comprising at least one triazine or pyrimidine active ingredient having HIV inhibiting properties, one surface active agent, and one hydrophilic polymer, wherein the spraying of whole of the solution occurs in at least two separate steps, each of these steps followed by a grinding step of the product obtained at the end of the preceding step.